



***VIA UPS GROUND***

**January 24, 2018**

Mr. Craig Bobrowiecki  
Environmental Analyst II  
Remediation Division  
Bureau of Water Protection and Land Reuse  
Connecticut Department of Energy & Environmental Protection  
79 Elm Street  
Hartford, CT 06106

**RE: PSEG Power Connecticut LLC's Bridgeport Harbor Station  
2017 Annual Technical Reports Submittal  
REM ID # 5310**

Dear Mr. Bobrowiecki:

PSEG Power Connecticut LLC (PSEG) is required to provide an annual summary of technical submittals made each calendar year. There were no formal technical submittals to Connecticut Department of Energy and Environmental Protection (CT DEEP) in 2017 related to the ongoing site remediation at the Bridgeport Harbor Station (BHS), located at 1 Atlantic Street in Bridgeport, Connecticut (the Site). However, informal updates were provided to you on several occasions via email and telephone. Below is a summary of the investigation and remediation efforts completed in 2017.

- A Site remediation status meeting with CT DEEP and PSEG was held at BHS on January 25, 2017.
- Removal of contaminated soils from above the seasonal high groundwater level at the former Tank Farm Area was completed in January:
  - Approximately 2,025 cubic yards (cy) of oily soil and brick debris was disposed of offsite in February 2017.
  - Approximately 4,800 cy of soils exceeding the GB Pollutant Mobility Criteria (PMC) were stockpiled onsite in the RAA3W area for subsequent placement beneath BHS Unit 5 structures to render them environmentally isolated.
- An electrical conduit line that originated at the north Pump House in the Tank Farm was found to contain fuel oil residuals from a historical release. The electrical conduit was removed and oily soils from around manholes associated with the electric line were removed and disposed offsite with the soils from the Tank Farm remediation.
- Removal of historic foundations from the Tank Farm Area was ongoing from February through May 2017. These foundations extended below the seasonal high groundwater level and oily soils were occasionally encountered during this work.
  - Approximately 1,150 cy of oily soils and concrete debris from the foundation removal was disposed offsite in June 2017.

- Most soils exceeding the Industrial Direct Exposure Criteria (IDEC) were consolidated within the sheet pile wall surrounding the Unit 5 fill area, covered with orange geotextile fabric, and buried with at least 4 feet of clean fill to render these IDEC soil inaccessible. There is still a small volume of soil exceeding the IDEC associated with installation of subsurface utilities that needs to be placed under the geotextile. This placement of additional IDEC soils is planned be completed in 2018.
- In September 2017, approximately 3,500 cy of soils exceeding the GB PMC that had been stockpiled in RAA3A were placed beneath the foundations of three large storage tanks located on the east side of the Unit 5 complex. Placement of the remaining 1,300 cy of GB PMC soil under other Unit 5 building foundations is planned to be performed in early 2018.
- During removal of the historic foundations and performance of other site work, three unknown historic underground storage tanks (USTs) were discovered. Each tank was removed and disposed offsite, soil samples were collected to verify no residual soil contamination remained:
  - An approximately 1,000-gallon steel UST was discovered within the Tank Farm on February 24. The top of the tank had been cut away and it was filled with soil.
  - An approximately 1,000-gallon steel UST containing a small amount of residual fuel oil or diesel fuel was found on May 23 near the north side of the Tank Farm. The tank appeared to be intact and no soil contamination was noted.
  - An approximately 10,000-gallon steel UST containing about 20 inches of diesel fuel was discovered west of the Tank Farm near the BHS property line on October 23.
- The Engineered Control (orange geotextile covered with six inches of crushed stone) was installed at PRA-14 in January 2017. Since January, that area has been used as laydown for clean fill and other equipment. Use of PRA-14 as an equipment laydown area will continue through construction of Unit 5.
- A Completion Report will be prepared for the Tank Farm Soil Remediation Project once all the remaining PMC and IDEC soils have been placed and covered.

Although unrelated to the Tank Farm Soil Remediation Project, we are providing you with a copy of the Closure Report (attached) for three USTs previously located at the north end of the active power generating station. This report was submitted to the Bridgeport Fire Marshal on May 1, 2017.

If you have any questions regarding this information, please contact me at 203-974-5055.

***PLEASE ACKNOWLEDGE RECEIPT OF THIS MATERIAL BY STAMPING THE ENCLOSED COPY OF THIS LETTER AND RETURNING SAME IN THE SELF-ADDRESSED, STAMPED ENVELOPE PROVIDED.***

Sincerely,



Sally Kruse  
Manager – Environmental, Health & Safety

Enclosure